

## ABSTRACT OF THE DISCLOSURE

A scheme is provided that permits the use of a selectable  
depacketization module to depacketize data streams. An RTP session  
manager is responsible for receiving RTP packets from a network and  
parsing/processing them. A depacketizer module is located using the type of  
data received on the stream. Thus a specific depacketizer is located at runtime  
depending on the coding decoding scheme ("codec") used to compress the  
incoming data stream. A naming convention is followed in order for a  
specific depacketizer to be located. The depacketizer receives data that has  
already been parsed and is in a readable form. The depacketizer outputs this  
data using a well defined interface. This interface has been designed such that  
it is generic across a number of codecs. The interface passes all relevant  
information to the decoder where the actual depacketized data stream will be  
decompressed. The session manager need not know of any codec details since  
the depacketizer handles all codec specific issues. A default format is  
described for data that is output by a depacketizer. There is provision for a  
depacketizer to output data in this pre-defined format. However, there is also  
a provision for a depacketizer to output data itself in a pre-defined format.  
This data is provided to a handler that is aware of this format, so that the  
integration of depacketizers is seamless. Thus, a depacketizer can be made  
available as long as it implements certain defined interfaces.